In the Specification:

Please amend paragraph [0045] (page 14, line 19 to page 15, line 1) to read as follows:

– [0045] The product leaving the heater 126 then passes through a hold tube 128, where the temperature of ~~180°~~ 280° is maintained for a predetermined hold time, here two seconds, and then the milk is considered ultra pasteurized, and is microbe free. The pasteurized product then returns through the pasteurized flow path in the regenerator 116, where it is cooled by the raw product down to about 60° F. This is followed by a cooler stage 130, where the milk is cooled by ice water or an approved food-grade medium such as propylene glycol, and leaves at about 40° F. The cooled pasteurized milk flows to a diversion valve 132, and thence to a filler tank. A divert line 133 leads back to the balance tank 112. A divert line heater 134 is used for heating sterilizing water for the divert line, and other water heaters 136 are used for heating sterilizing water to about 250° F at other portions of the pasteurizer. These can be steam-to-water heat exchangers. A regenerator bypass line 135 may be used at start up. –